≡ ⊙ ⋯ / **RANK-OF-A-MATRIX** 🔍 📥

‹› **Code** ⊙ Issues ⇄ **Pull requests** 4 ▶ Actions ⊞ Projects 🛡 Security ⋯

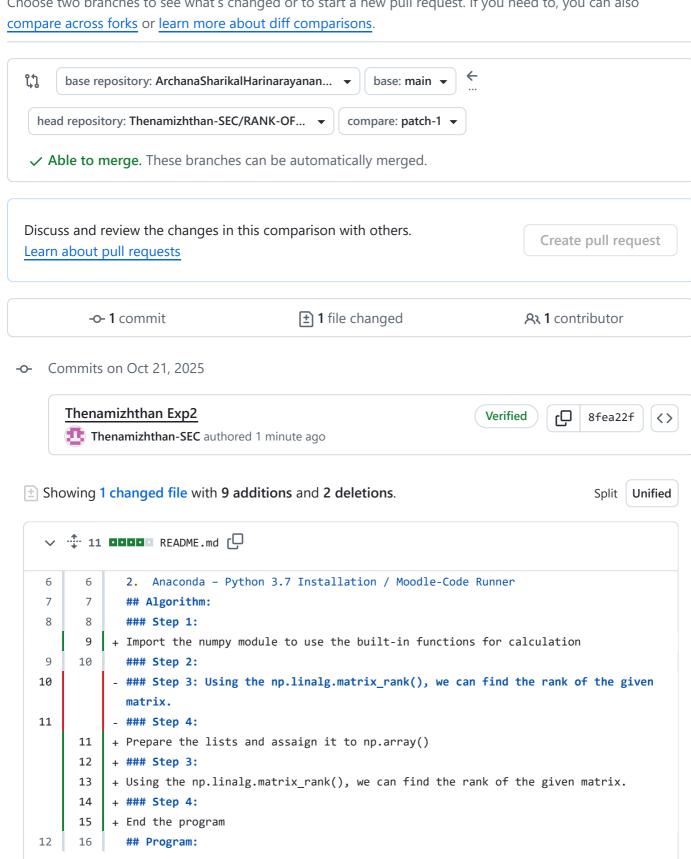# Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks or learn more about diff comparisons.

⇅ base repository: ArchanaSharikalHarinarayanan... ▾ base: main ▾ ←
⋯

head repository: Thenamizhthan-SEC/RANK-OF-... ▾ compare: patch-1 ▾

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others.
Learn about pull requests

[Create pull request]

—○— 1 commit ⊡ 1 file changed ⋈ 1 contributor

—○— Commits on Oct 21, 2025

Thenamizhthan Exp2

🟣 **Thenamizhthan-SEC** authored 1 minute ago

Verified ⧉ 8fea22f ‹›

⊡ Showing **1 changed file** with **9 additions** and **2 deletions**.   Split Unified

˅ ⊹ 11 ■■■■□ README.md ⧉

6	6	2. Anaconda – Python 3.7 Installation / Moodle-Code Runner
7	7	## Algorithm:
8	8	### Step 1:
	9	+ Import the numpy module to use the built-in functions for calculation
9	10	### Step 2:
10		- ### Step 3: Using the np.linalg.matrix_rank(), we can find the rank of the given matrix.
11		- ### Step 4:
	11	+ Prepare the lists and assaign it to np.array()
	12	+ ### Step 3:
	13	+ Using the np.linalg.matrix_rank(), we can find the rank of the given matrix.
	14	+ ### Step 4:
	15	+ End the program
12	16	## Program:

```
 17  + <img width="791" height="357" alt="UNIT 1 EXP(2)" src="https://github.com/user-
       attachments/assets/f366b888-0da3-4688-80cb-01ccf2e21d98" />
```

```
13  18    ## Output:
```

```
 19  + <img width="1280" height="303" alt="UNIT 1 EXP (2)" src="https://github.com/user-
       attachments/assets/db2c7b64-a0e9-4899-9761-d0e7378c90cc" />
```

```
 20  +
```

```
14  21    ## Result:
```

```
15  22    Thus the rank for the given matrix is successfully solved by  using a python
          program.
```

```
16  23
```